SPEC CFP95rate Results

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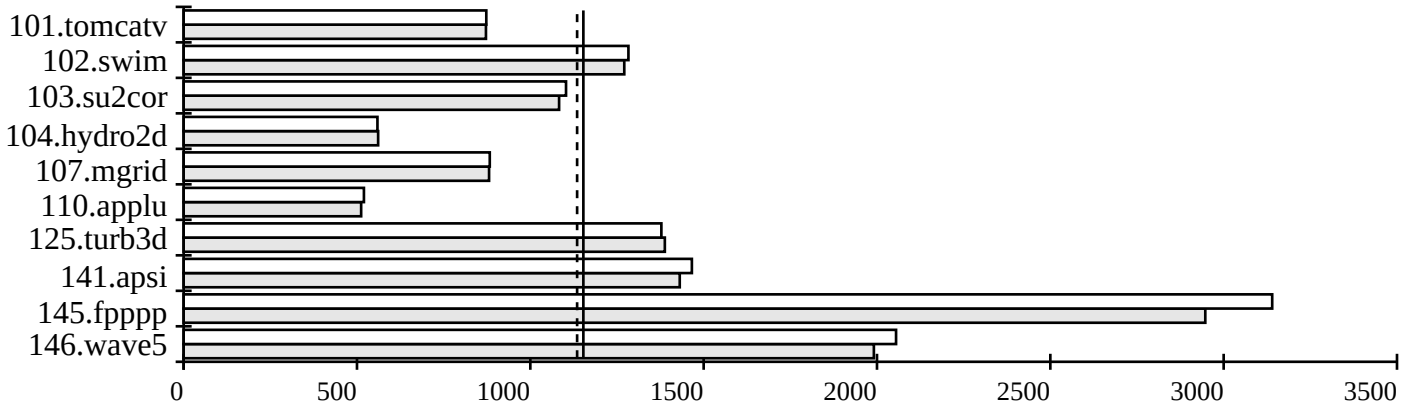
IBM Corporation
RS/6000 7026-H80 (6 CPU)

SPECfp_rate95 = 1153

SPECfp_rate_base95 = 1135

SPEC license # 11	Tested By: IBM, Austin, TX	Test Date: Apr-2000	Hardware Avail: Jun-2000	Software Avail: May-2000



Hardware/Software Configuration for:
RS/6000 7026-H80 (6 CPU)

Hardware

Model Name:	RS/6000 Model 7026-H80 (6 CPU)
CPU:	500 MHz PowerPC RS64-III
FPU:	Integrated
Number of CPU(s):	6
Primary Cache:	128KBI+128KBD on chip
Secondary Cache:	4MB(I+D) (off chip,per CPU)
Other Cache:	None
Memory:	2GB
Disk Subsystem:	1x4.5GB Ultra SCSI, 1x9.1GB SSA
Other Hardware:	None

Software

Operating System:	AIX 4.3.3 plus APAR IY09807
Compiler:	XL Fortran version 6.1.0.0 KAP version 3.2 VAST-2 version 4.01X8
File System:	AIX/JFS
System State:	Multi-user

Benchmark # and Name	Base Copies	Base Run Time	Base SPEC Ratio	Copies	Run Time	SPEC Ratio
101.tomcatv	6	229	872	6	229	873
102.swim	6	365	1271	6	362	1283
103.su2cor	6	69.8	1083	6	69	1103
104.hydro2d	6	231	561	6	232	559
107.mgrid	6	153	881	6	153	883
110.applu	6	232	512	6	228	520
125.turb3d	6	160	1388	6	161	1378
141.apsi	6	79.3	1431	6	77	1466
145.fpppp	6	176	2947	6	165	3140
146.wave5	6	81.4	1991	6	79	2055
SPECfp_rate_base95 (G. Mean)			1135			
			SPECfp_rate95 (G. Mean)			1153

Notes/Tuning Information

```
Base: -O4 -qipa=level=2 -qarch=pwr3 -lmass
Peak:
101: -O4 -qarch=pwr3 -qipa=level=2 -lmass
102: -O3 -qarch=pwr3 -qtune=pwr3 -qipa=level=2:noobject -qhot -qstrict -qpdf1/pdf2 -lmass
103: -O3 -qarch=pwr3 -qtune=pwr3 -qipa=level=2:noobject -qhot=arraypad=44
.    -Pv -Wp,-ew,-o -lmass -bnso -bI:/lib/syscalls.exp
104: -O4 -qipa=level=2 -qarch=pwr3 -lmass
107: -O4 -qipa=level=2 -qarch=pwr3 -lmass
110: -O4 -qarch=pwr3 -qipa=level=2:noobject -lmass
125: -O3 -qarch=pwr3 -qtune=pwr3 -qipa=level=2:noobject -qnosave -lmass
141: -O3 -qhot -qtbtable=none -qarch=rs64b -qnosave -Pk -Wp,-r=2,-ag=b,-f
.    -lmass -bnso -bI:/lib/syscalls.exp
145: -O3 -Q -Pv -Wp,-ea27,-o -1 -qnosave -qmaxmem=-1 -qpdf1/2 -lmass
.    -bnso -bI:/lib/syscalls.exp
146: -O3 -qarch=pwr3 -Pk -Wp,-ag=a,-f -qxlf77=nopersistent -lmass
.    -bnso -bI:/lib/syscalls.exp
```

For More Information Contact: SPEC info@spec.org http://www.spec.org/